

Substitute Form PTO-1449 (Modified)  <b>Information Disclosure Statement</b> by Applicant (Use several sheets if necessary)  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 12885-003001	Application No. 09/918,353
	Applicant Kamel Ayadi		
	Filing Date July 30, 2001	Group Art Unit Unknown <b>2879</b>	

### U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

### Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

### Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
<i>K</i>	AQ	T.K. Woodward and A.V. Krishnamoorthy, "1-GB/s Integrated Optical Detectors and Receivers in commercial CMOS Technologies," IEEE J. Selected Topics in Quantum Electrons, vol. 5, no. 1, pp. 146-156, March 1999.
<i>K</i>	AR	K. Ayadi, "High-Speed, Highly-Sensitive OEIC Using Clocked Vertical BJTs PhotoDarlington in CMOS Technology," IEEE J. Solid-State Circuits, vol. 34, no. 4, pp. 559-564, April 1999.
<i>K</i>	AS	K.P. Jackson, E. B. Flint, M.F. Cina, D. Lacey, Y. Kwark, J.M. Trehella, T. Caulfield, P. Buchmann, Ch. Harder and P. Vettiger, "A High-Density, Four-Channel, OEIC Transceiver Module Utilizing Planar-Processed Optical Waveguides and Flip-Chip, Solder-Bump Technology," IEEE J. Lightwave Techno., vol. 12, no. 7, pp. 1185-1191, 1994.

Examiner Signature

*K. Nguyen*

Date Considered

*8/17/03*

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 12885-003001	Application No. 09/918,350 I P E
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Kamel Ayadi	
		Filing Date July 30, 2001	Group Art Unit Unknown

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
<i>K</i>	AT	H. Kosaka, M. Kajita, M. Yamada, and Y. Sugimoto, "A 16 x 16 Optical Full-Cross-Bar Connection with VCSEL-Array Push/Pull Module and Polymer-Waveguide Coupler Connector," IEEE Photon. Technol. Lett., vol. 9, no. 2, pp. 244-246, Feb. 1997.
	AU	C.Y. Chang, and S.M. Sze, "ULSI Technology," Singapore, McGraw-Hill, 1996, chapter 10.
	AV	J.W. Goodman, F.J. Leonberger, S.-Y. Kung, and R.A. Athale, "Optical Interconnections for VLSI Systems," Proceedings of the IEEE, vol. 72, no. 7, July 1984.
	AW	F.A.P. Tooley, "Optically Interconnected Electronics-Challenges and Choices," Proceedings "Massively Parallel Processing Using Optical Interconnections" MPPOI'96, pp. 138-145, 1996. See also F.A.P. Tooley, "Challenges in Optically Interconnecting Electronics," IEEE J. Select. Areas Quantum Electron., vol. 2, pp. 3-13, April 1996.
	AX	M. Kihara, S. Nagasawa, M. Takaya, and T. Tanifuji, "A New type of Demountable Optical Device for Coupling Single-Mode Planar Waveguides to a Multifiber Array Using Passive Alignment," IEEE Photo. Technol. Lett., Vol. 7, No. 11, pp. 1453-1455, 1995.
	AY	T. Satake, T. Arikawa, P.W. Blubaugh, C. Persons, and T. Uchida, "MT multifiber connectors and new applications," in Proc. Electron. Components Technol. Conf. (ECTC), pp. 994-999, 1994.
	AZ	R. Nagarajan, W. Sha, B. Li, and R. Craig, "Gigabyte/s Parallel Fiber-Optic Links Based on Edge Emitting Laser Diode Arrays," IEEE J. Lightwave Technol., vol. 16, no. 5, pp. 778-787, May 1998.
	AAA	Y. Yamada, F. Hanawa, T. Kitoh, and T. Maruno, "Low-Loss and Stable Fiber-to-Waveguide Connection Utilizing UV Curable Adhesive," IEEE Photon. Technol. Lett., vol. 4, no. 8, pp. 906-908, Aug. 1992.
	ABB	J.M. Senior, "Optical Fiber Communications: Principles and Practice," Prentice Hall, 1992.
	ACC	M. Kajita, H. Kosaka, M. Yamada, Y. Sugimoto, K. Kurata, and T. Tanabe, "1-Gb/s Modulation Characteristics of a Vertical-Cavity Surface-Emitting Laser Array Module," IEEE Photon. Technol. Lett., vol. 9, no. 2, pp. 146-148, Feb. 1997.
	ADD	Y. Ota, R.C. Miller, S.R. Forrest, D.R. Kaplan, C.W. Seabury, R.B. Huntington, J.G. Johnson, and J.R. Potopowicz, "Twelve-Channel Individually Addressable InGaAs/InP p-i-n Photodiode and InGaAsP/InP LED Array in a Compact Package," IEEE J. Lightwave Technology, vol. LT-5, no. 8, pp. 1118-1122, Aug. 1987.
	AEE	T. Sakake, N. Kashima, and M. Oki, "Very Small Single-Mode Ten-Fiber Connector," IEEE J. Lightwave Technology, vol. 6, no. 2, pp. 269-272, 1988.
	AFF	G. Nakagawa, K. Miura, K. Tanaka, and M. Yano, "Multichannel Fiber Ferrule for a Stable Laser-Diode Array Module," IEEE Photon. Technol. Lett., vol. 7, no. 4, pp. 409-411, April 1995.
	AGG	A. Krishnamoorthy, and D.A.B. Miller, "Scaling Optoelectronic-VLSI Circuits into the 21 <sup>st</sup> Century: A Technology Roadmap," IEEE J. Selected Topics in Quantum Electronics, Vol. 2, No. 1, pp. 55-76, April 1996.
<i>✓</i>	AHH	"Estimation of Ground Bounce.." by A. Kabbani et al. IEEE Transactions on Components and Packaging Technology, vol. 22, no. 2, pp. 316-325, June 1999.
<i>K</i>	AII	G.N. Lu, et al., "Color detection using.." IEEE Electron Lett., vol. 32, no. 6, pp. 594-596, March 96.

Examiner Signature <i>K. Ayadi</i>	Date Considered <i>6/12/03</i>
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	